SYNTECA® 50LP

Butadiene Rubber - BR

CHARACTERISTICS
SYNTECA® 50LP is a grade of low cis butadiene rubber. It is produced by a technology of anionic polymerization in solution, based on lithium catalyst. Does not contain any extender oil and is stabilized by non-staining antioxidant.

GENERAL REQUIREMENTS
Bales of synthetic rubber SYNTECA® 50LP should be close to dimensions 700x360x180 mm. Presence of any mechanical impurities is not permitted.

TECHNICAL PARAMETERS
RUBBER TECHNICAL PARAMETERS

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Units</th>
<th>Typical Value</th>
<th>Test methods</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mooney viscosity ML 1+4 (100°C) – unmassed</td>
<td>ML</td>
<td>46 ÷ 56</td>
<td>ASTM D1646</td>
</tr>
<tr>
<td>Volatile matters</td>
<td>% wt.</td>
<td>max. 0.75</td>
<td>ASTM D5668</td>
</tr>
<tr>
<td>APHA Colour</td>
<td></td>
<td>max. 15</td>
<td>Internal method</td>
</tr>
<tr>
<td>Solution viscosity (5% in styrene, 25°C)</td>
<td>mPas</td>
<td>150-210</td>
<td>Internal method</td>
</tr>
<tr>
<td>Dry gel</td>
<td>ppm</td>
<td>max. 150</td>
<td>Internal method</td>
</tr>
</tbody>
</table>

Guaranteed values of relevant technical parameters of the product are each time agreed upon in the sales contract. The certificate of analysis containing data on properties of the finished product is issued for each shipping lot/delivery. Scope of the testing which is covered by the quality certificate is each time agreed upon in the sales contract.

PACKAGING
SYNTECA® 50LP supplied in a form of rubber bales weighing 33 kg (± 1,0 kg). Each bale is wrapped in PS film, which is an integral part of the product.

The bales are laid into returnable metal boxes. Net weight of each complete box is about 1200 kg. Alternatively it is possible to supply product in wooden boxes, net weight of each complete box is about 1000 kg. In case of wooden 1000 kg boxes storage of the product in two (2) or more layers (stacking) is not permitted.

Each pallet bears a self-adhesive label on which manufacturer’s name, product name and grade, production lot number, net and gross weight, production date and labeling required by relevant regulations (if needed) are given.

TRANSPORTATION
SYNTECA® 50LP is typically transported in covered road trucks, in covered railway carriages and in standard shipping containers.

SYNTECA® 50LP is not a dangerous material to transport.

STORAGE
Product should be stored in sheltered conditions away from direct sunlight, at least 2 meters away from radiant heating elements and the temperature should not exceed 30°C. The guaranteed shelf life for SYNTECA® 50LP under the above-mentioned conditions is twelve (12) months from the date of production.
APPLICATION

SYNTECA® 50LP is appropriate for production of HIPS and ABS plastics.

This document is of an informative character. The information given herein is based on the present state of our knowledge and experience. It makes neither product properties nor qualitative parameters guarantee and cannot be used as a basis of any claims. The information provided cannot be used for any mixtures with any other substances. Product should be transported, stored and used in accordance with valid regulations and good occupational hygiene practice.

Making use of the information as well as product application is beyond the producer control and determination of the safe conditions of use is the sole responsibility of a customer.